

VR PARABOLIC VRA2G16LS26U

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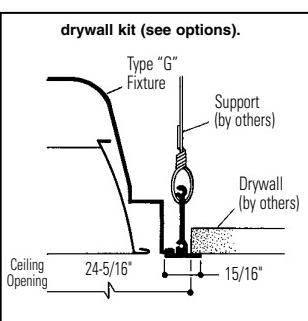
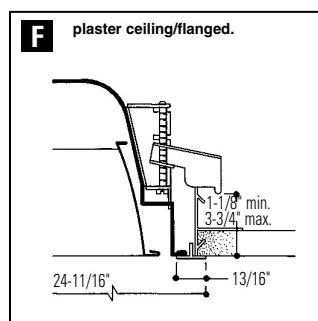
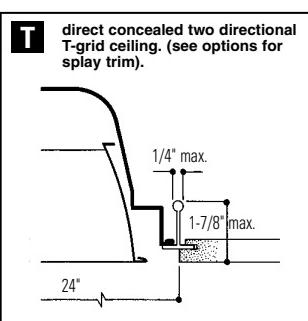
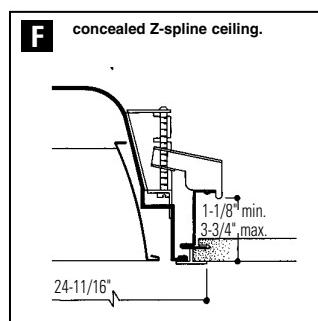
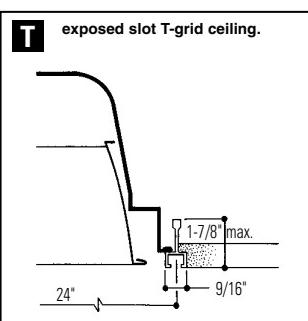
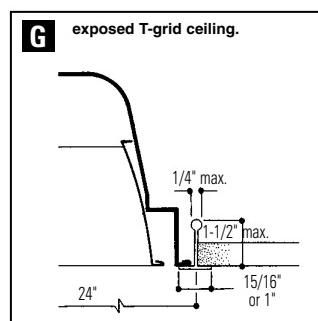
2'x2' RECESSED FLUORESCENT, 4" DEEP, 16 CELL (4x4) PARABOLIC LOUVER
STATIC OR AIR SUPPLY/RETURN, IES RP1 FOR NORMAL VDT USE

Features

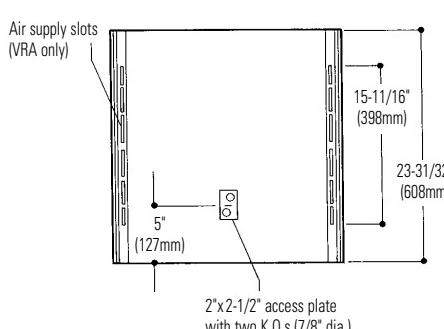
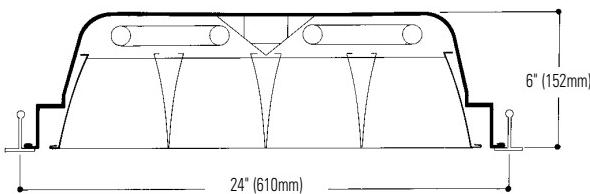
- Meets IES RP1 for lighting VDT areas with normal use.
- 51.7% efficient (T8).
- 1.2 spacing mounting ratio.
- Only 6" deep body.
- One-piece housing.
- Specular low iridescence pre-anodized louver.
- Spring-loaded latches.
- Concealed "T" hinges.
- Louver frame with integral positive light stop.
- Earthquake clips included.
- Louver has protective film dust guard.
- Air closure strips (optional).
- UL-Listed twin knockout access plate.
- Construction to meet Chicago Plenum Code is available.



MOUNTING METHOD



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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A0902

SECTION 2/Folio G05-50 REV. A

LIGHTOLIER



VR PARABOLIC

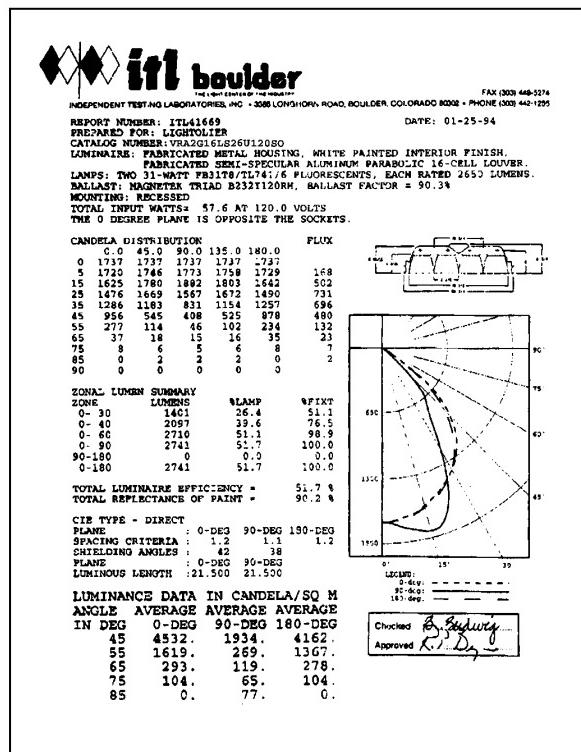
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STATIC OR AIR SUPPLY/RETURN, IES RP1 FOR NORMAL VDT USE

PHOTOMETRY

MODEL NO. VRA2G16LS26U



LER = FP - 42.0 IW - 57.6 BF - 90.3

Comparative yearly lighting energy cost per 1000 lumens = \$5.71

coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

RF	20	20	20				
RC	80	50	30				
RW	70	50	30	10	50	30	10
1	58	57	55	53	52	51	51
2	55	52	49	49	47	46	48
3	51	47	44	45	43	41	44
4	48	44	40	42	39	37	41
5	45	40	37	39	36	33	38
6	42	37	33	36	33	30	35
7	40	34	31	33	30	28	32
8	37	32	28	31	28	25	30
9	35	29	26	29	26	23	28
10	33	27	24	27	24	22	26

visual comfort probability (rated lumens per lamp 3150.)

room size	ceiling height	ceiling height			
		8.5	10.0	13.0	16.0
20	20	95	93	90	82
20	30	96	94	91	85
20	40	96	94	93	87
20	60	96	94	93	88
30	20	95	93	92	86
30	30	96	95	93	87
30	40	96	95	94	89
30	60	96	95	94	90
30	80	96	94	94	90
40	20	95	94	92	86
40	30	96	95	93	88
40	40	96	95	94	90
40	60	96	94	94	91
40	80	96	94	94	91
40	100	96	94	94	91
luminaries lengthwise		99	99	98	96
luminaries crosswise		99	99	98	96
60	30	96	95	93	88
60	40	96	94	94	90
60	60	96	95	94	91
60	80	96	95	94	91
60	100	96	95	94	91
100	40	96	94	94	90
100	60	96	95	94	91
100	80	96	95	94	91
100	100	96	95	94	91

ORDERING INFORMATION

Explanation of Catalog Number. Example: VRA2G16LS26U120SORF

VR		2		16		S	2	6U			
BODY STYLE: A=Air Handling S=Static	Fixture Width	CEILING TYPE: G=Grid (lay-in T bar) F=Flanged (overlap) Z=spline and plaster frame T=Slot grid or two-directional concealed T (see options)	NUMBER OF CELLS: (4 rows of 4 cells)	LOUVER FINISH: L=Low Iridescence Semi-specular (standard) P=Low Iridescence Specular	SINGLE "V" REFLECTOR	LAMP QUANTITY	VOLTAGE: 120 or 277	LAMP TYPE/ FIXTURE LENGTH: 6"U Lamp T8 OR T12 (Nominal 24")	BALLAST TYPE: LE 1-2 Lamp Mag. T12 1-2 Lamp Elec. T8 LÖL T8 Dimming	OPTIONS: Add appropriate suffix to catalog no, ie: (GLR)	
VR: 4" Deep Pre-anodized Aluminum Louver For Normal VDT Use											

Other dimming options. Consult factory.

OPTIONS & ACCESSORIES

PLASTER FRAME: Catalog Number: PF22.

CONTINUOUS ROW INSTALLATION: For F type fixtures, half-width flanges are required between fixtures, Order Catalog Number: S2CTRIM (each joint).

SPLAY TRIM: For T ceiling type only. SUFFIX: CTZ22 S2 SPLASH TRIM.

RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: RF.

ELECTRICAL WIRING OPTIONS: Consult factory.

AIR CLOSURE STRIPS: SUFFIX ACS2 (factory installed).

DRYWALL KIT: Order Catalog Number: FK92X2. (Request Folio OA30-10.)

CHICAGO PLENUM: SUFFIX: CP.

SPECIFICATIONS

PERFORMANCE: In an installation of 2 lamp 31W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .57 with a spacing to mounting ratio of 1.2 perpendicular to the lamps. To meet IES RP1 preferred requirements for VDT areas the VCP (visual comfort probability) shall not be less than 96 either crosswise or lengthwise and the maximum average brightness at 65°, 75° and 85° shall not exceed 293, 104, and 77 candelas per square meter respectively in the 0°, 45°, and 90° horizontal planes. Candelas at Nadir (0°) not to exceed 1737.

SPECIFICATIONS (continued)

AIR HANDLING: (VRA only) side air passages for air supply or air return. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel. Housing side rails hemmed over and housing ends turned-in for safe handling.

Louver: is pre-anodized aluminum (Coilzak® or equal).

FINISH: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

Louver: low iridescence semi-specular anodized vertical grain aluminum reflector sheet is standard.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W./UL and C-UL.

Job Information

Type:

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